HF Happenings

YASME Foundation Excellence Awards

(Press Release Dated 26 May 2016).

The Yasme Excellence Award is presented to individuals who, through their own service, creativity, effort and dedication, have made a significant contribution to amateur radio. The contribution may be in recognition of technical, operating or organizational achievement, as all three are necessary for amateur radio to grow and prosper. The Yasme Excellence Award is in the form of a cash grant and an individually-engraved crystal globe.

The Board of Directors of The Yasme Foundation is pleased to announce the award of the Yasme Excellence Award to the following individuals:

* Tim Duffy, K3LR: While Tim is involved in many facets of amateur radio, the Yasme Excellence Award is made in recognition of his adaptation and development of the Contest University (CTU), now in its tenth year. CTU has not only reached hundreds of amateurs around the world, but it has also inspired others to create their own CTU-format training programs in other fields. Tim's dedication to CTU is in the finest traditions of amateur radio's self-teaching and training.

* Carole Perry, WB2MGP: The Yasme Excellence Award is made in recognition of Carole's many years of contributions to teaching and mentoring youth interested in amateur radio and her efforts in organizing and promoting the interests of young operators. This youth-oriented work becomes more and more important to amateur radio with every passing year. Carole's dedication to this work, including through the Radio Club of America, is in the finest traditions of amateur radio's self-teaching and training.

* Tom Rauch, W8JI: The Yasme Excellence Award is made in recognition of Tom's many contributions to the technical advancement of the amateur service. Tom's willingness to provide education and direction to amateurs through his web site, www.w8ji.com, and other communications is a prime example of hams mentoring, teaching and training each other in the finest traditions of amateur radio.

The Yasme Foundation is a not-for-profit corporation organized to support scientific and educational projects related to amateur radio, including DXing (long distance communication) and the introduction and promotion of amateur radio in developing countries. For additional information about The Yasme Foundation, visit our website at www.yasme.org.

Ward Silver, N0AX, President The Yasme Foundation

Board of Directors: Fred Laun, K3ZO, Director and Vice-President, Rusty Epps, W6OAT, Director and Treasurer, Kip Edwards, W6SZN, Director and Secretary, Hans Blondeel Timmerman, PB2T, Director, Ken Claerbout, K4ZW, Director, Martti Laine, OH2BH, Director and Robert Vallio, W6RGG, Director

CU3URA 30th Anniversary

Established on 28 May 1986, the Uniao de Radioamadores dos Acores celebrates its 30th anniversary by issuing an electronic certificate for three contacts made with CU3URA on different bands between 28 May and 31 December 2016. The certificate is free of charge and available to SWLs on a heard basis. Send QSO details to cu3aa.azores@gmail.com.

Changes in the IOTA Programme
Effective 1 June 2016

All certificates will be mailed electronically from now on; there will be no more paper certificates,

VHF/UHF contacts no longer count automatically for the standard category of application,

Charges have been increased and their structure has been simplified; the fee for the basic (IOTA 100) certificate will now be charged separately from the registration fee (Annex B),

IOTA groups are now considered "rare" with a confirmation rate of 20% (previously 15%) or less,

More changes are to be expected once the paperless QSLing system is fully implemented.

African DX

Africa DX Net - every Saturday afternoon from 14:00 UTC on 14,260 MHz hosted by Mike, V51MA, Leon, A25SL, and Tinus, ZS6MHK.

Uganda, 5X. Jonathan, KK7PW will be active as 5X1O from Uganda until 8 July. Activity is on 40, 20, 15 and 10 metres mostly between 03:00 – 04:30 UTC using a FT-817 with 5 watts into either a long wire or vertical dipole. QSL via EA5GL.

Ceuta and Melilla, EG9. Javier, EC7DZZ, and Manuel, EA7FKH, will be active as EG9LH from Melilla between 16 and 17 July. Activity will be from Faro de Morro. Operation will be on the HF bands using 100 watts in to a G5RV dipole antenna. QSL via EC7DZZ.

African Islands

IOTA frequencies
CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz
SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

June

4 – West Rand ARC Flea Market
5 - World Environmental Day
6 - Start of Ramadan
8 - World Oceans Day
12 - Hammies ZS6 Sprint; SARL Youth Net
16 - Youth Day
17 - World QRP Day
18 – Highway ARC 20th Birthday, ZS5HAM on the air; ARRL Kid's Day
19 Father's Day
20 Winter Solstice
21 closing date for July Radio ZS articles
23 to 27 - SARL Top Band QSO Party
24 to 26 - Ham Radio 2016, Friedrichshafen, Germany
30 - End of SARL Membership year

July

1 – Start of SARL Membership year; Bloemfontein ARC 36th birthday
3 - ZS5 Sprint
6 - Eid-UL-Fitr
9 and 10 - IARU HF Championships
10 - SARL Youth Net
16 - Winter QRP Sprint
16 to 23 - Region 1 YOTA Summer Camp in Austria
18 - Schools open
24 - ZS2 Sprint
25 - Closing date for articles for the August Radio ZS
30 and 31 - Islands on the Air Contest

August

7 - SARL HF Phone Contest
9 - SARL YL Sprint; National Women's day
13 and 14 - International Lighthouse and Lightship Weekend
14 - SARL Youth Net
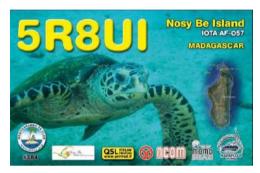21 - SARL HF Digital Contest
28 - SARL HF CW Contest

Canary Islands, EA8. Mike, DG5LAC returns to Fuerteventura (AF-004) for the time between 28 May and 18 June. He will be active as EA8/DG5LAC on 40 to 10 m (SSB – 100 W). QSL via h/c (d/B), LoTW, eQSL.

Sao Tome, S9. Josep, EA3BT, and YL Nuria, EA3WL, will be active as S9BT and S9WL, respectively, from Ilhèu das Rolas, Sao Tome Island (AF-023), between 26 September and 1 October. Activity will be on 40-6 meters using mainly SSB, with some CW and RTTY. Equipment is an IC-7300 with an amp into EAxbeam (6 to 20 m) and wire dipole (40 m). QSL via EA3BT.

St Helena, ZD7. Bill, G0VDE, has now rescheduled his trip to Saint Helena (AF-022) for 18 to 30 October. He plans to operate as ZD7VDE on HF. QSL via G3SWH, ClubLog OQRS. http://sthelenadx.com/

Which light bulbs to use?

As you likely know, incandescent light bulbs are being phased out due to more efficient alternatives provided by fluorescent and LED technologies https://en.wikipedia.org/wiki/Phase-out_of_incandescent_light_bulbs. However, some efficiency strides have been made recently with incandescent light bulbs, and perhaps we will see their return in a few years http://www.telegraph.co.uk/science/2016/03/12/return-of-incandescent-light-bulbs-as-mit-makes-them-more-effici/.

Scaling Up

The "scaling up" of things we are familiar with is often interesting because of the challenges inherent in just making things bigger. Whether it's OH8X's beam for 160 meters (RIP) www.youtube.com/watch?v=XCZcjqltJVA, W7RN's stacking of 80 meter beams www.w7rn.com/, or refurbishing a machine that weighs 1 million pounds www.npr.org/sections/thetwo-way/2016/05/20/477926381/how-do-you-lift-a-million-pounds-of-stainless-steel-very-carefully?, things are different at larger scales.

Eating Well

For the long-term benefit of your multi-op team members, feed them well during contest weekend www.nytimes.com/2015/04/21/upshot/simple-rules-for-healthy-eating.html?_r=0

The Enigma Machine

Many have heard of the Enigma machine https://en.wikipedia.org/wiki/Enigma_machine, an encryption/decryption device used by Germany and others in World War II, and the subject of intense decryption efforts by the Allied Forces; a lesser-known and more rare German cipher device called a Lorenz machine was recently re-discovered after it was the subject of an eBay auction http://www.bbc.com/news/uk-36401663. This rare machine was literally a "barn find."

The Carrington Event

Tim, K3HX, recommends the book *The Sun Kings* by Stuart Clark, which is "mostly about the 'Carrington Event' of 1859 when the Earth got blasted by a huge CME. From a ham radio standpoint, there's quite a bit about the nature of sunspots and how they were determined to work."

Word to the Wise

Stub - a sized piece of transmission line with only one end attached to a feed line. The other end is usually left open, or shorted. By using a stub's ability to transform impedance, it is possible to construct filters that present high or low impedance to signals at particular design frequencies. Stubs of transmission line can be attached using "T" connectors. Typically, a shorted stub for a particular frequency is used to eliminate even-numbered harmonics of that frequency. Stubs are can be used at the output of transmitters or amplifiers, where conventional tuned networks may be less practical due to transmit power levels. For more information on stubs, see K9YC's document on Coax and Stubs http://audiosystemsgroup.com/Coax-Stubs.pdf, the ARRL Antenna Book and the excellent Managing Interstation Interference by George, W2VJN http://www.qth.com/inrad/book.htm.

Operating Tip

From Ed, W0YK: "Slow down to win." If you are running stations on a frequency, pause *briefly* after you have copied a response to your CQ, to potentially pick up another call sign or two. In this way, it is possible to chain contacts to avoid calling CQ and have a faster rate. For example, the normal exchange of -

Me: CQ N9ADG TEST
Caller 1: N7QT
(I hear other stations calling but do not pause to copy any of the calls)
Me: N7QT 599 WA
Caller 1: 599 VT
Me: TU N9ADG TEST
Caller 2: K7EDX
Me: K7EDX 599 WA
Caller 2: 599 WA
Me: TU N9ADG TEST
Can become:
Me: CQ N9ADG TEST
Caller 1: N7QT <I take a short pause even though I have copied N7QT>
Caller 2: K7EDX <I copied K7EDX's call, too>
Me: N7QT 599 WA
Caller 1: 599 VT
Me: TU NW K7EDX 599 WA
Caller 2: 599 WA
Me: TU N9ADG TEST
This can be especially easy if your logging program supports call sign stacking. You may find that stations will recognize your "mad stacking skills" and may attempt to insert their call after the other station sends their exchange. This *can* help you, but if not done correctly, or if not managed well, it can slow things down. For more information, see Ed's *Operating a RTTY Contest* PDF presentation from 2013, slides 40 - 43.
http://contestuniversity.com/attachments/Operating_a_RTTY_Contest_2013e.pdf

Super Bonus Field Day Tip

This one is from Ward, N0AX, revealed during a Question and Answer session at Contest University: Use a sheet of heavy-duty aluminium foil as a desk ground surface during Field Day. Tape the sheet down to the operating table near the back edge, then place rigs and other equipment on top of the foil. Make sure that the foil and the grounds of all of the equipment are tied to a robust ground bus. Make sure it is truly ground.

ARRL Antenna Book

There is new online content to go with the *ARRL Antenna Book*. Ward, N0AX, writes, "I've added a couple of cool things to the *Antenna Book* web page at www.arrl.org/arrl-antenna-book-reference. Since we cannot update the *Antenna Book* every year as we do the *Handbook*, I am going to start adding the occasional article to the website from time to time. You can find this content under the 'Supplemental Information and Files' menu on the *Antenna Book* web page.

Antenna Designs - Additional articles providing interesting and special-purpose antenna designs. The list will expand with more articles over time. Check back from time to time for new additions!

"An Ultra-Light Yagi for Transatlantic and Other Extreme DX" by VE1FA from the Mar/Apr 2016 issue of *TCA (The Canadian Amateur Magazine)*. This rope-suspended antenna was designed by VE1FA for his team's pursuit of the Brendan Quest award for the first two-way transatlantic QSO on 2 meters using only natural propagation. So far, they have been heard "across the pond," but have not completed the necessary QSO. Here is the EZNEC model (in compressed .zip format) for the antenna as well as a text file with measurements of the antenna www.arrl.org/files/file/Antenna%20Book%20Supplemental%20Files/23rd%20Edition/Pouch%2043-ele%20Yagi%20Element%20Description.txt.

Article Lists - The downloadable *Excel* spreadsheet "Antenna Article Master Directory" contains the Tables of Contents for the entire *ARRL Antenna Compendium* series, Volumes 1-8, *Wire Antenna Classics* and *More Wire Antenna Classics*, *Yagi Antenna Classics*, *Portable Antenna Classics*, and *Simple and Fun Antennas*. The articles may be sorted according to a number of topics that apply to the articles, making it easier for you to find articles for your particular situation or application. (Updated 1 April 2016)

No SSB Skimmer

There is not an SSB Skimmer, yet, but here is an example of someone using cloud-based speech recognition APIs (Application Programming Interfaces) for a non-trivial application: "Say-what," an agent that pays attention to an online meeting for you. Here's how it works www.reddit.com/r/Python/comments/4jhma7/what_did_you_automate_with_python_scripts/d37clfr, according to the author, Josh Newlan, "I wrote a script that listens to meetings I'm supposed to be paying attention to and pings me ... when my name is mentioned. It sends me a transcript of what was said in the 30 seconds before my name was mentioned and everything within 30 seconds after." The program pipes audio to IBM's Watson Speech to Text API in real-time www.ibm.com/smarterplanet/us/en/ibmwatson/developercloud/speech-to-text.html. Josh has even made the source code available https://github.com/joshnewlan/say_what. It would be an interesting test to see what Watson could do with listening to a run frequency.

Software Defined Radios

As one of the fundamental building blocks for SDRs in their many implementations, the Fourier Transform's history began in the 18th century http://www.edn.com/design/test-and-measurement/4441779/FFT--Equations-and-history. It became practical to process signals in real-time only after Cooley and Tukey's 1965 re-discovery of the "fast" algorithm first described by Gauss in 1805.

PCB Design Software

Just in time for that summer radio project! Here's a survey of free PCB design software by *EE Times* http://www.eetimes.com/author.asp?section_id=36&doc_id=1329383

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 30 May 6 June 2016

Phone Fray
02:30 - 03:00 UTC 1 June
Mode: SSB
Bands: 160, 80, 40, 20, 15 m
Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 3 June 2016
E-mail logs to: (none)
Post log summary at:
http://www.3830scores.com
Mail logs to: (none)
Find rules at:
http://www.perluma.com/Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 1 June and 03:00 - 04:00 UTC 2 June
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts

QRP: 5 watts
Exchange: Member: Name and member no; non-Member: Name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 04:00 UTC 4 June 2016
Post log summary at:
http://www.3830scores.com
Mail logs to: (none)
Find rules at:
http://www.cwops.org/cwt.html

NRAU 10 m Activity Contest
17:00 - 18:00 UTC (CW) and 18:00 - 19:00 UTC (SSB) and 19:00 - 20:00 UTC (FM) and 20:00 - 21:00 UTC (Dig) 2 June
Mode: CW, SSB, FM, Digital
Bands: 10 m Only
Classes: (none)
Exchange: RS(T) and 6-character grid square
QSO Points: (see rules)
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 16 June 2016
Upload log at:
http://ua9qcq.com/en/submit_log.php?lang=en
Mail logs to: (none)

Find rules at: http://www.nrau.net/activity-contests/below-30mhz.html

NCCC RTTY Sprint
01:45 - 02:15 UTC 3 June
Mode: RTTY
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 5 June 2016
E-mail logs to: (none)
Post log summary at:
http://www.3830scores.com/
Mail logs to: (none)
Find rules at:
http://www.ncccsprint.com/rttyns.html

NCCC Sprint
02:30 - 03:00 UTC 3 June
Mode: CW
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 5 June 2016
E-mail logs to: (none)
Post log summary at:
http://www.3830scores.com/
Mail logs to: (none)
Find rules at:
http://www.ncccsprint.com/rules.html

HA3NS Sprint Memorial Contest
19:00 – 19:29 UTC (40 m) and 19:30 – 19:59 UTC 3 June (80 m)
Mode: CW
Bands: 80, 40m
Classes: Single Op
Exchange: HACWG Members: RST and membership no; non-Members: RST and NM
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 18 June 2016
E-mail logs to: ha3kna@tolna.net

Mail logs to: Radio Club, 7100 Szekszard, Rakoczi u. 16., Hungary
Find rules at:
http://radioamator.honlapepites.hu/?p=1280

10-10 International Open Season PSK Contest
00:00 UTC 4 June to 24:00 UTC 5 June
Mode: PSK31
Bands: 10 m Only
Classes: Individual; Club; QRP
Max power: non-QRP: 50 watts; QRP: 5 watts
Exchange: Name, state, province or country and organization membership numbers
QSO Points: (see rules)
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 20 June 2016
E-mail logs to: tentencontest@ten-ten.org
Mail logs to: Dan Morris, KZ3T, 3162 Covington Way, Lenoir, NC 28645, USA
Find rules at: http://www.ten-ten.org/index.php/activity/2013-07-22-20-26-48/qso-party-schedule/2-uncategorised/51-open-season-rules

PVRC Reunion
00:00 - 04:00 UTC 4 June (CW) and 00:00 - 04:00 UTC 5 June (SSB)
Mode: CW, SSB
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - low or high
Max power: High: >100 watts; Low: 100 watts
Exchange: PVRC Member: 1st year of membership, name, QTH and call sign when joined PVRC
non-Member: name and QTH
Work stations: Once per band per mode
QSO Points: 10 points per QSO with W3GRF, W4KFC or W3AU; 1 point per QSO with PVRC members
Multipliers: Each PVRC member state, DC, province, country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 18 June 2016
E-mail logs to: tshoppa@gmail.com
Mail logs to: (none)

Find rules at:
http://pvrc.org/reunion/reunion.htm

DigiFest
04:00 - 12:00 UTC 4 and 20:00 UTC 4 June to 04:00 UTC 5 June and 12:00 - 20:00 UTC 5 June
Mode: RTTY75, BPSK63, MFSK16, Hell-schreiber, Olivia
Bands: 80, 40, 20, 15, 10 m
Classes: SOAB, All Modes - 8 or 24 - QRP, low or high; SOAB, Single Mode - 8 or 24 - low or high; Single Op Single Band, All Modes - 8 or 24; Multi-Op Single Transmitter
Max power: High: 1 000 watts; Low: 100 watts; QRP: 10 watts
Exchange: RST and 4-character grid square
Work stations: Once per band per mode
QSO Points: 1 QSO point per km between stations
Multipliers: Each grid square once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 12 June 2016
E-mail logs to: digifest_robot@mixw.net
Upload log at:
http://mixw.net/misc/DigiFest/digifest_log.php
Mail logs to: (none)
Find rules at:
http://www.mixw.net/misc/DigiFest/rulese.html

Wake-Up! QRP Sprint
06:00 – 06:29 UTC and 06:30 – 06:59 UTC and 07:00 – 07:29 UTC and 07:30 – 08:00 UTC 4 June
Mode: CW
Bands: 40, 20 m
Classes: (none)
Max power: 5 watts
Exchange: RST, serial no and suffix of previous QSO ("QRP" for 1st QSO)
Work stations: Once per band per period
QSO Points: 1 point per km
Multipliers: 1 point per new station worked on each band
Score Calculation: Total score = total QSO points x total multiplier points
Submit logs by: 11 June 2016

E-mail logs to: ru-qrp-club@mail.ru
Mail logs to: (none)
Find rules at:
http://qrp.ru/contest/wakeup/333-wakeup-eng

SEANET Contest
12:00 UTC 4 June to 12:00 UTC 5 June
Mode: CW, SSB
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op - low or high; M/S - low or high
Max power: High: >100 watts; Low: 100 watts
Exchange: RS(T) and serial no
Work stations: Once per band per mode
QSO Points: 1 point per QSO
Multipliers: SEANET: Each DXCC country once per band; non-SEANET: Each SEANET DXCC country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 3 July 2016
E-mail logs to: e21eic@gmail.com
Mail logs to: SEANET Contest 2016, GPO Box 2008, Bangkok, 10501, Thailand
Find rules at:
http://www.seanet2016.com/contest.php

Dutch Kingdom Contest
15:00 UTC 4 June to 15:00 UTC 5 June
Mode: CW, SSB
Bands: 40, 20, 15, 10, 6 m
Classes: Single Op Single Transmitter - CW, SSB or mixed – low or high; Multi-Single - CW, SSB or mixed – low; Multi-Multi - CW, SSB or mixed – high; Novice - CW, SSB or mixed – 25 W; SWL
Max power: Dutch HP: >100 watts; Dutch LP: 100 watts; non-Dutch HP: >200 watts; non-Dutch LP: 200 watts
Exchange: RS(T) and serial no
Work stations: Once per band per mode
QSO Points: (see rules)
Multipliers: (see rules)
Score Calculation: Total score = total QSO points
Submit logs by: 23:59 UTC 12 June 2016
E-mail logs to: (none)
Upload log at: www.dkars.nl
Mail logs to: (none)

Find rules at:
http://dkars.nl/index.php?page=rules

IARU Region 1 CW Field Day
15:00 UTC 4 June to 14:59 UTC 5 June
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: (see your national society rules)
Exchange: RST and serial no
Submit logs by: 30 June 2016
E-mail logs to: (see your national society rules)
Mail logs to: Your national society
Find rules at: Your national society web site

RSGB National Field Day
15:00 UTC 4 June to 15:00 UTC 5 June
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Open; Restricted; QRP
Max operating hours: Open/Restricted: 24 hours; QRP: 12 hours
Max power: non-QRP: 100 watts; QRP: 10 watts
Exchange: RST and serial no
QSO Points: 2 points per QSO with fixed EU stations; 3 points per QSO with fixed non-EU stations; 4 points per QSO with portable/mobile EU stations; 6 points per QSO with portable/mobile non-EU stations; Double QSO points on 160 and 10 m
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 12 June 2016
Upload log at: http://www.rsgbcc.org/cgi-bin/hfenter.pl
Mail logs to: RSGB G3UFY, 77 Bensham Manor Road, Thornton Heath, Surrey CR7 7AF, England
Find rules at:
http://www.rsgbcc.org/hf/rules/2016/rnfd.shtml

Alabama QSO Party
16:00 UTC 4 June to 04:00 UTC 5 June

Mode: CW, SSB
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - CW, SSB or mixed - QRP, low or high; M/S - CW, SSB or mixed - QRP, low or high; M/M - CW, SSB or mixed - QRP, low or high; Mobile Single Op - CW, SSB or mixed - QRP, low or high; Mobile Single Op and Driver - CW, SSB or mixed - QRP, low or high; Mobile Multi-Op - CW, SSB or mixed - QRP, low or high
Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts
Exchange: AL: RS(T) and County; non-AL: RS(T) and state, province or "DX"
QSO Points: 1 points per phone QSO; 2 points per CW QSO
Multipliers: AL Stations: Each state, VE province/territory once per mode; non-AL Stations: Each AL county once per mode
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 4 July 2016
E-mail logs to: logs@alabamaqsoparty.org
Mail logs to: Jim Johnson, KC4HW, 6274 South County Road 49, Slocomb, Al 36375-5528, USA
Find rules at:
http://www.alabamaqsoparty.org/2016/2016Rules.pdf

RSGB 80 m Club Championship, Data
19:00 - 20:30 UTC 6 June
Mode: RTTY, PSK
Bands: 80 m Only
Classes: (none)
Exchange: RST and serial no
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: (see rules)
Submit logs by: 23:59 UTC 13 June 2016
Upload log at: http://www.vhfcc.org/cgi-bin/hfenter.pl
Mail logs to: (none)
Find rules at:
http://www.rsgbcc.org/hf/rules/2016/r80mcc.shtml

Next Week's Contests

ARS Spartan Sprint, 01:00 - 03:00 UTC 7 June

Phone Fray, 02:30 - 03:00 UTC 8 June

CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 8 June and 03:00 - 04:00 UTC 9 June

NCCC RTTY Sprint, 01:45 - 02:15 UTC 10 June

NCCC Sprint, 02:30 - 03:00 UTC 10 June

DRCG WW RTTY Contest, 00:00 – 07:59 UTC and 16:00 - 23:59 UTC 11 June and 08:00 – 15:59 UTC 12 June

VK Shires Contest, 06:00 UTC 11 June to 06:00 UTC 12 June

Asia-Pacific SSB Sprint, 11:00 - 13:00 UTC 11 June

Portugal Day Contest, 12:00 UTC 11 June to 12:00 UTC 12 June

SKCC Weekend Sprintathon, 12:00 UTC 11 June to 24:00 UTC 12 June

GACW WWSA CW DX Contest, 15:00 UTC 11 June to 15:00 UTC 12 June

VHF Happenings

UKSMG Summer Contest

13:00 UTC 4 June to 13:00 UTC 5 June

Mode: not specified

Bands: 6 m Only

Classes: Single Op – 24 or 6 - fixed or portable; Multi-Op - fixed or portable; QRP

Exchange: RST, serial no, 6-character grid square and optional UKSMG member no

Score Calculation: (see rules)

Submit logs by: 1 July 2016

E-mail logs to: contest@uksmg.org

Upload log at:

http://logs.uksmg.org/cgi-bin/vhfenter.pl?Contest=UKSMG%20Summer%20Contest&year=2016

Mail logs to: (none)

Find rules at: http://uksmg.org/summer-contest-rules.php

REF DDFM 6 m Contest, 16:00 UTC 11 June to 16:00 UTC 12 June

ARRL June VHF Contest, 18:00 UTC 11 June to 02:59 UTC 13 June

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter